

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF071918\
 Data File : VF059558.D
 Acq On : 19 Jul 2018 14:00
 Operator : VA/AP
 Sample : J4030-13
 Misc : 4.10µ/5mL/MSVOA F/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB9-10

Quant Time: Jul 19 14:43:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F071718S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 04:09:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.05	168	61	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.22	114	65	50.00	ug/l	0.43
63) Chlorobenzene-d5	10.69	117	67	50.00	ug/l	0.76
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-12.64

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.93	65	66	69.57	ug/l	-0.11
Spiked Amount	50.000		Recovery	=	139.14%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	8.35	98	66	46.54	ug/l	0.62
Spiked Amount	50.000		Recovery	=	93.08%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.08	85	70	93.66	ug/l #	41
3) Chloromethane	1.08	50	447	1086.98	ug/l #	44
4) Vinyl Chloride	1.19	62	93	224.13	ug/l #	43
5) Bromomethane	1.43	94	75	260.81	ug/l #	3
6) Chloroethane	1.59	64	73	348.90	ug/l #	46
8) Diethyl Ether	1.82	74	63	322.40	ug/l #	1
11) Tert butyl alcohol	2.75	59	64	1678.57	ug/l #	74
12) 1,1-Dichloroethene	1.77	96	63	138.14	ug/l #	1
13) Acrolein	2.12	56	144	10743.41	ug/l #	12
14) Allyl chloride	2.18	41	250	439.25	ug/l #	1
15) Acrylonitrile	3.20	53	70	879.44	ug/l #	13
16) Acetone	2.29	43	97	738.40	ug/l #	64
17) Carbon Disulfide	1.86	76	102	87.28	ug/l #	74
18) Methyl Acetate	2.41	43	76	275.92	ug/l #	67
19) Methyl tert-butyl Ether	2.45	73	72	50.33	ug/l #	59
21) trans-1,2-Dichloroethene	2.35	96	67	158.89	ug/l #	1
22) Diisopropyl ether	2.93	45	99	61.89	ug/l #	37
23) Vinyl Acetate	3.38	43	144	154.06	ug/l #	84
24) 1,1-Dichloroethane	2.94	63	95	96.17	ug/l #	91
25) 2-Butanone	4.51	43	64	290.57	ug/l #	60
26) 2,2-Dichloropropane	3.70	77	94	143.83	ug/l #	62
28) Bromochloromethane	4.01	49	123	282.88	ug/l #	6
29) Tetrahydrofuran	4.23	42	101	1208.85	ug/l #	38
31) Cyclohexane	3.89	56	66	128.99	ug/l #	15
32) 1,1,1-Trichloroethane	4.33	97	70	75.48	ug/l #	21
36) 1,1-Dichloropropene	4.78	75	67	102.98	ug/l #	45
37) Ethyl Acetate	4.64	43	201	641.46	ug/l #	41
40) Benzene	5.20	78	60	47.54	ug/l #	51
41) Methacrylonitrile	5.31	41	66	353.74	ug/l #	27
42) 1,2-Dichloroethane	5.50	62	60	72.37	ug/l	85
43) Isopropyl Acetate	7.62	43	64	136.90	ug/l #	51
45) 1,2-Dichloropropane	7.01	63	62	176.97	ug/l #	42
46) Dibromomethane	6.78	93	70	219.41	ug/l #	3
47) Bromodichloromethane	6.92	83	131	159.51	ug/l #	25

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48) Methyl methacrylate	7.36	41	79	236.61	ug/l #	60
49) 1,4-Dioxane	7.19	88	74	Below Cal	#	62
51) 4-Methyl-2-Pentanone	9.09	43	99	298.74	ug/l #	40
52) Toluene	8.41	92	67	73.19	ug/l #	1
53) t-1,3-Dichloropropene	9.19	75	77	101.93	ug/l #	43
56) Ethyl methacrylate	9.43	69	73	165.96	ug/l #	13
57) 1,3-Dichloropropane	9.86	76	82	130.75	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.49	63	76	1957.10	ug/l	100
59) 2-Hexanone	10.35	43	127	507.08	ug/l #	30
61) 1,2-Dibromoethane	9.83	107	68	154.51	ug/l #	2
65) Chlorobenzene	10.05	112	127	101.07	ug/l #	43
70) Styrene	10.87	104	64	49.53	ug/l #	26

(#) = qualifier out of range (m) = manual integration (+) = signals summed

